

South Bay Repower

San Diego Air Pollution Control District
January 18, 2007



AIR POLLUTION CONTROL DISTRICT

C O U N T Y O F S A N D I E G O



Air Pollution Control District Role

- 🔌 Permitting of new power plant
- 🔌 Demolition of existing power plant and switchyard relocation









Permitting of New Power Plant

California Energy Commission (CEC)

-  Statutory authority to license power plants over 50MW
-  Evaluation of Application for Certification (AFC)

Air Pollution Control District (APCD)

-  Recommendation to CEC on air quality section of AFC
 -  Standard APCD permitting process
 -  Timelines modified to meet CEC requirements
-  Preliminary determination of compliance review
-  Public notice and comments
-  Final determination of compliance review






Applicable APCD Rules

- 🔑 Rule 20.5: Power Plants
- 🔑 Rule 20.1, 20.3: New Source Review (NSR)
- 🔑 Rule 50: Visible Emissions
- 🔑 Rule 51: Nuisance Prohibition
- 🔑 Rule 53: Specific Air Contaminants
- 🔑 Rule 69.3 and 69.3.1: Stationary Gas Turbines
- 🔑 Rule 1200: Toxics New Source Review

New Source Review (NSR)



APCD Rules 20.1 and 20.3

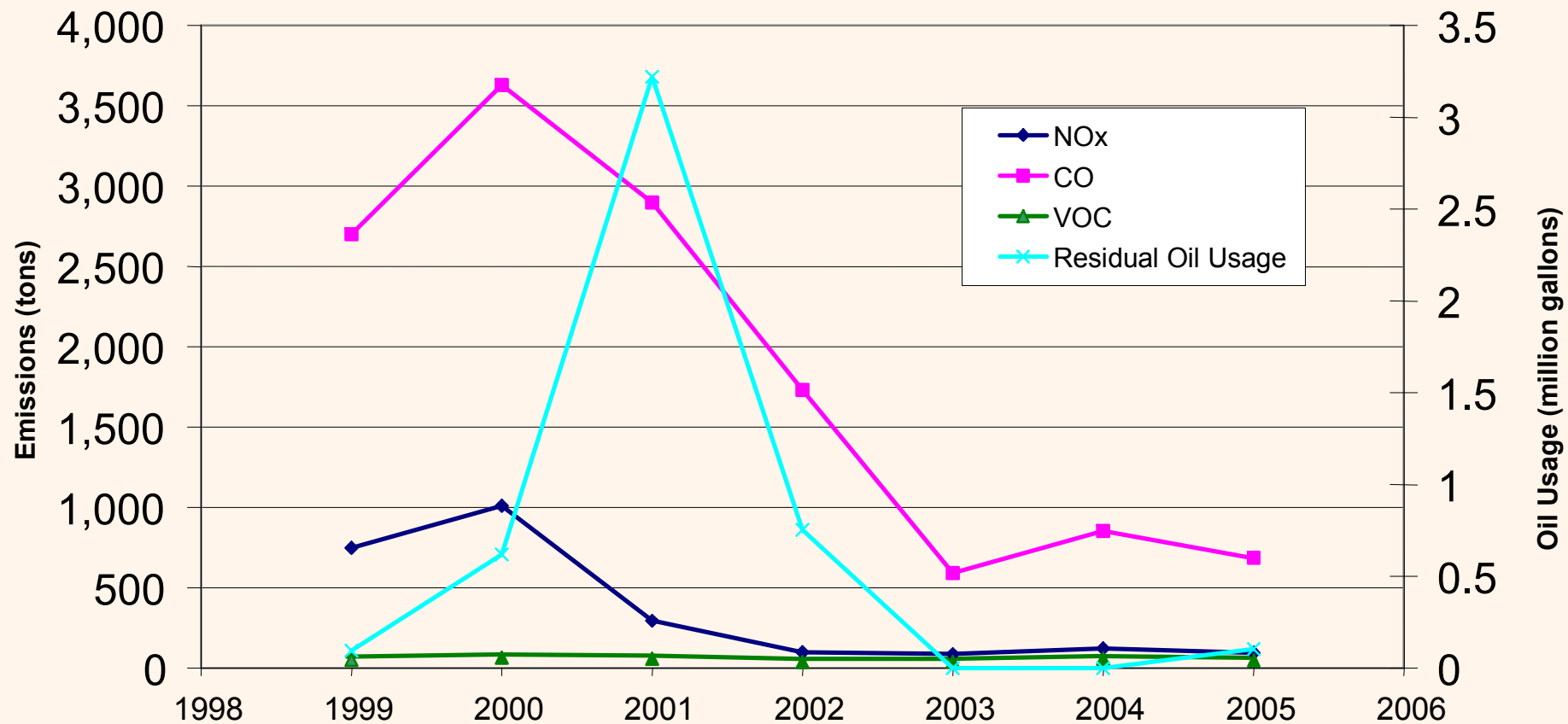
-  Best Available Control Technology (BACT)
-  Air Quality Impact Analysis
-  Prevention of Significant Deterioration
-  Public Notice
-  Offsets

Emission Offsets






- 👉 Actual emission reductions that are provided to mitigate emission increases
- 👉 Required prior to issuance of Authority to Construct
- 👉 Source of offsets

South Bay Power Plant - Emission Inventory



Demolition of Existing Power Plant and Switchyard Relocation

Applicable APCD Rules

-  Rule 361.145: Standard for Demolition and Renovation
-  Rule 50: Visible Emissions
-  Rule 51: Nuisance Prohibition